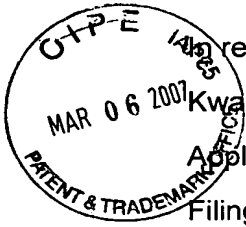


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



More Patent Application of

Kwang-ki Choi et al.

Application No.: 10/823,653

Filing Date: April 14, 2004

Title: SEMICONDUCTOR LASER DEVICE

) **MAIL STOP AMENDMENT**

) Group Art Unit: 2828

) Examiner: ARMANDO RODRIGUEZ

) Confirmation No.: 4964

**SECOND  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a SECOND Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- ☐ No additional fee for submission of an IDS is required.
- ☐ The fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☒ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date March 6, 2007

By:

  
Charles F. Wieland III  
Registration No. 33096

P.O. Box 1404  
Alexandria, VA 22313-1404  
703 836 6620

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

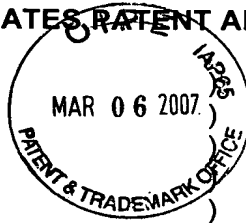
In re Patent Application of

Kwang-ki Choi et al.

Application No.: 10/823,653

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For: SEMICONDUCTOR LASER DEVICE



Group Art Unit: 2828

Examiner: ARMANDO RODRIGUEZ

Confirmation No.: 4964

**SECOND INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, applicants hereby cite certain documents identified in the Official Action issued by the Chinese Patent Office on December 8, 2006, concerning the corresponding Chinese patent application number 200410038474.1, in conformance with the provisions of 37 C.F.R. §§ 1.97 and 1.98. A copy of the Chinese Official Action and an English translation thereof are attached hereto.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the cited documents, other than the U.S. patents, is enclosed. In addition, it is noted that Okazaki et al., U. S. Patent No. 5,966,396, identified in the December 8, 2006, Chinese Official Action, was previously cited in the present application by the Examiner in the Official Actions dated April 6, 2006 and July 27, 2006, and is thus not identified on the accompanying Form PTO-1449.

I, the undersigned, hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement.


To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: March 6, 2007

By:

  
Charles F. Wieland III  
Registration No. 33096

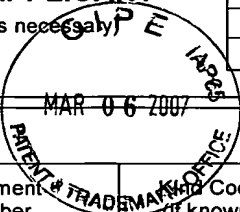
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Substitute for form 1449/PTO & 1449B/PTO Complete if Known

**SECOND**  
**INFORMATION DISCLOSURE**  
**STATEMENT BY APPLICANT**  
 (use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/823,653
Filing Date	April 14, 2004
First Named Inventor	Kwang-ki Choi et al.
Examiner Name	ARMANDO RODRIGUEZ
Attorney Docket No.	1030681-000649



U.S. PATENT DOCUMENTS				
Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	6,444,486	B1	KWAK et al. (Corr. to CN 1360377A)	09-03-2002

FOREIGN PATENT DOCUMENTS											
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Official Action	Patent Family List	Abstract	Cited in Spec
	1360377	A	CN (Corr. to USP 6,444,486B1)	07-24-2002				X	X		

NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Official Action issued by the Chinese Patent Office in corresponding Chinese Patent Application No. 200410038474.1 on December 8, 2006

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.